

Project Name:

Careers in Digital Media

Purpose and benefit:

The use of taxpayer funds is justified because the funds will be used to prepare students for media and communications professions. This program provides support to upgrade media production equipment used in training and education at Missouri Southern State University.

Recipient:

Missouri Southern State University

3950 E. Newman Road

Joplin, MO 64801

Request amount:

\$500,000

Project Name:

Cassville Clinic

Purpose and benefit:

Funds will be used to complete the construction and expansion of a new facility for a current Federally Qualified Health Center site located in Cassville, MO and to add additional equipment to supplement the expansion.

Recipient:

Ozark Tri-County Health Care Consortium

4301 Doniphan Drive

Neosho, MO 64850

Request amount:

\$1,341,185

Project Name:

City of Joplin - Zora and Mainstreet Interchange

Purpose and benefit:

The City of Joplin is in the process of constructing an east-west corridor on the north side of Joplin. This northern traffic way would run from Route 249 on the east to Schifferdecker Avenue on the west (and eventually to the West Bypass, when constructed). It will serve all of the north-south arterial streets in the community. The use of taxpayer funds is authorized because this interchange is a crucial piece of the corridor that will eliminate one of the top ten most dangerous railroad crossings in the State of Missouri. Zora crosses the KCS Railroad which is a major corridor.

Recipient:

City of Joplin

602 S Main Street

Joplin, MO 64801

Request amount:

\$6,500,000

Project Name:

City of Springfield: West Wye Rail Line Relocation

Purpose and benefit:

The funding would be used to fund the design and construction of a new West Wye that will allow relocation and reconfiguration of freight rail traffic. The use of taxpayer funds is justified because completion of the project will have a large impact on safety.

Recipient:

City of Springfield, MO
840 Booneville Avenue
Springfield, MO 65801

Request amount:

\$2,880,000

Project Name:

City of Springfield: Wireless Broadband

Purpose and benefit:

The use of taxpayer funds is justified because this system will allow police officers, fire personnel and public works employees to have access to critical information in the field and in their vehicles with seamless connections at all times. Current Wi-Fi system anchors police to 13 hot spots in the city where they must be within 150 feet of the device before their laptops can access any information. This will help fund a public safety wireless mesh broadband data networking system for communications and multi-media transmission.

Recipient:

City of Springfield
840 N. Boonville
Springfield, MO 65802

Request amount:

\$3,000,000

Project Name:

Command & Control Service Level Management (C2SLM) program

Purpose and benefit:

The ability to distribute services and manage them for the entire military enterprise is critical to achieving today's and tomorrow's mission. C2SLM, while leveraging the work done by the Network-Centric Enterprise Services (NCES) program, views the enterprise from the warfighters' perspective, not the networking perspective. C2SLM pushes the military enterprises capability to the edges and to the warfighter. C2SLM will enable our military to respond to the agility of our opponent by building agility and flexibility into our technology. C2SLM has been selected by the Pentagon to be the early pathfinder for the A-Staff, which will lead to a contract in excess of several hundred million to address non-AOC command and control for COCOMs and NAFs.

Recipient:

Accenture National Security Services
407 S Pennsylvania Ave # 201
Joplin, MO 64801

Request amount:

\$10,000,000

Project Name:

Compressed Natural Gas Fueling Facility

Purpose and benefit:

This funding will be used to construct a Compressed Natural Gas (CNG) fuel station for use by Local, County and State agencies to refuel CNG vehicles. The use of taxpayer funds is justified because this is a cost effective way to fuel government vehicles while reducing dependency on foreign oil.

Recipient:

City of Springfield, Missouri
840 N. Boonville
Springfield, MO 65802

Request amount:

\$2,000,000

Project Name:

Cornerstone Regional Justice Information System

Purpose and benefit:

These funds will be used to procure law enforcement information sharing and records management software, laptop computers, high speed data cards, multi-modal biometric identification equipment, and network connectivity hardware for multiple counties in Southwest Missouri.

Recipient:

Jasper County Commission
302 S. Main St.
Carthage, MO 64836

Request amount:

\$985,000

Project Name:

Economic, Environmental and Social Sustainability of Seasonal, Pasture Based Dairies

Purpose and benefit:

The University of Missouri Southwest Research Center Dairy provides much-needed research and information on seasonal, pasture-based dairying to producers in the United States. The use of taxpayer funds is justified because enhancing the infrastructure will enable researchers to study critical factors that contribute to the economic, environmental and social sustainability of pasture-based dairy farming.

Recipient:

University of Missouri-Columbia
309 University Hall
Columbia, MO 65211

Request amount:

\$1,188,000

Project Name:

Educational Pathfinder Project

Purpose and benefit:

This project will provide higher education opportunities in Southwest Missouri to people who currently lack access to higher education.

Recipient:

Missouri Southern State University
3950 E. Newman Road
Joplin, MO 64801

Request amount:

\$280,170

Project Name:

Embedded Intelligence in Low -Power Handheld

Purpose and benefit:

This program will deliver the much needed low power intelligent wearable systems enabled by integration of new materials and onboard intelligence such that portable platforms can more effectively support the warfighter; provide situational awareness and recommend courses of action while on the move and away from a command post.

Recipient:

Missouri State University/Applied Systems Intelligence
901 S National Avenue
Springfield, MO 65804

Request amount:

\$8,000,000

Project Name:

eMINTS For All Fifth Graders

Purpose and benefit:

Funding would be used to transform classrooms for all learners through high quality teaching powered by technology.

Recipient:

Joplin R-VIII School District
PO Box 128
Joplin, MO 64802

Request amount:

\$277,886

Project Name:

Equipment for Emergency Operations Center

Purpose and benefit:

This funding is to be used to help fund needed equipment for the emergency operations in Greene County, MO. The equipment will include computers, software, televisions, video conference equipment and other specialized equipment for the facility. The use of taxpayer funds is justified because this equipment is necessary for interoperability of all agencies in the event of any type of disaster.

Recipient:

Greene County, MO
933 N Robberson

Springfield, MO 65802

Request amount:

\$1,000,000

Project Name:

Institute for Strategic Language Education

Purpose and benefit:

In response to the critical need to increase language capabilities in our country, Missouri State University, Drury University and Evangel University propose a cooperative venture to establish The Institute for Strategic Language Education (ISLE) in Springfield. The Institute will draw on existing language training strengths of the three universities and will expand those strengths by increasing capability to train teachers in five strategic languages: Chinese, Russian, Japanese, Arabic and Farsi.

Recipient:

Missouri State University

901 S. National

Springfield, MO 65804

Request amount:

\$1,163,843

Project Name:

Jordan Creek

Purpose and benefit:

This funding will be used to help complete the feasibility study and begin pre-construction engineering and design of Jordan Creek. The use of taxpayer funds is justified because the Army Corps of Engineers study looks at a range of alternatives to the water resource needs in the area including non-structural flood damage measures, development of environmental and floodplain buffer zones along the river, and creation of floodplain overflow wetlands.

Recipient:

City of Springfield

Springfield, Missouri

840 N. Boonville 65802

Request amount:

\$500,000

Project Name:

Jordan Valley Community Health Center

Purpose and benefit:

Jordan Valley Community Health Center is requesting funds to complete the lower level of the current building project, located at 440 E. Tampa Street. The lower level of this facility consists of 30,000 square feet, which will be renovated to increase access to healthcare. This includes an additional 40 exam rooms, bringing our capacity in the facility to 90 exam rooms. This expansion allows for a significant expansion in children's and women's health services, providing greater access to the community to a medical home. Through the development of our medical home we aim to bring comprehensive health care to the most vulnerable populations in Southwest Missouri.

Recipient:

Advocates for a Healthy Community, Inc
618 N. Benton Ave
Springfield, MO 65806

Request amount:

\$500,000

Project Name:

JSOW-ER

Purpose and benefit:

JSOW is a GPS-guided air-to-ground weapon designed to attack a variety of targets in day, night and adverse weather conditions. The 70+ mile range of JSOW allows launch aircraft to stand off beyond the range of most Surface-to-Air missiles. There is a need for a small number of weapons with greater stand off. Currently the Navy fills this requirement with SLAM-ER, Harpoon and Tomahawk. The Navy completed its relatively small buy of fewer than 500 SLAM-ERs in 2004. A new variant of JSOW (JSOW-ER Block IV) would have a range and lethal capability equal to or greater than SLAM-ER and would satisfy the warfighter's need at less than half the cost of SLAM-ER. An existing engine from the Miniature Air-Launched Decoy program will be used to extend the range of JSOW-ER to more than four times of the current glide version.

Recipient:

LaBarge Inc
1505 S Maiden Lane
Joplin, MO 64801

Request amount:

\$6,500,000

Project Name:

Lithium Ion Storage Advancement for Aircraft Applications

Purpose and benefit:

Protection of Li-Ion power systems is absolutely necessary on all current chemistries to prevent catastrophic failures due to over charge, over discharge and temperature excursions. In conjunction with the necessary safety aspects of the power system, a management function is necessary to achieve maximum performance. Maximum performance is achieved by monitoring individual cell voltages, temperature and currents and using this information to control each cell's charging based on environments. By managing the system at the cell level, premature power system degradation and failure can be greatly reduced. This translates into reduced maintenance costs, increased battery life, increased performance and overall increased safety. By addressing the issues several benefits can be realized. The results from advancements in overall safety and chemistry not only provide safety for aircraft applications but can also be transitioned to the commercial, industrial, military as well as consumer product industries. The next generation of energy storage can be achieved. In addition, by leveraging the results from efforts on current projects, advancements toward new technologies can be realized sooner.

Recipient:

EaglePicher Technologies
1215 W B St
Joplin, MO 64801

Request amount:

\$4,200,000

Project Name:

Long-Loiter, Load Bearing Antenna Platform for Pervasive Airborne Intelligence

Purpose and benefit:

This new, affordable, antenna platform will significantly increase the DF capabilities of the Zephyr platform. This will enable rapid deployment and affordable assets in theater, adding significantly to the nation's assets.

Recipient:

Missouri State University/QinetiQ North America

901 S National Ave

Springfield, MO 65804

Request amount:

\$8,000,000

Project Name:

MARET Center

Purpose and benefit:

The funding will be used toward programs and services at the Missouri Alternative Renewable Energy Technology Center. The use of taxpayer funds is justified because the funding will be used in part to fund the new center which will be for delivery of new business and incubator services and education and training programs in constructions technologies and renewable energy. The facility will serve as a living laboratory, modeling the best practices known for solar and thermodynamics energy systems and striving for zero energy consumption and serve as a regional center for renewable energy.

Recipient:

Crowder College

601 Laclede Ave.

Neosho, MO

Request amount:

\$2,000,000

Project Name:

Missouri Innovation Academy

Purpose and benefit:

This funding will be used for the Missouri Innovation Academy, an on-campus summer program for at-risk high school sophomores and juniors from low-income backgrounds. The academy focuses on recruiting urban and rural students that have had limited exposure to science and math. Particular attention is placed on recruiting students from lower income families. Students will live on the Missouri State University campus during the duration of the Academy. The use of taxpayer funds is justified because innovation in math and science will be the key to economic growth in the future. This program will enable students who would do not have significant financial means with the access and opportunity to realize the education and training to fill these jobs domestically.

Recipient:

Missouri State University
901 S. National
Springfield, MO 65804

Request amount:

\$150,000

Project Name:

Missouri State University - Methamphetamine Lab Safety Project

Purpose and benefit:

This project will fund advances in science and technology to respond to the hazards posed by clandestine methamphetamine labs. The funding would cover costs associated with research faculty, technicians and graduate students as well as for purchase of equipment and supplies. The first project component is to develop a pilot program that utilizes archeological research methods to identify waste dumps used by “meth” cooks and, by using GIS technology to plot these sites to determine if meaningful means of detection can be developed to locate existing meth labs. The second part of the project addresses the hazards associated with clandestine methamphetamine labs. The use of taxpayer funds is justified because methamphetamine labs are a significant problem in Southwest Missouri and around the country. Being able to detect and address the health and safety problems associated with methamphetamine labs will save lives and allow safe, effective means for destroying these labs and their by-products.

Recipient:

Missouri State University

Request amount:

\$500,000

Project Name:

MODOT Reconstruct I-44/Range Line Road interchange in Joplin, MO

Purpose and benefit:

The use of taxpayer funds is justified because this request would fund the redesign and reconstruction of the functionally obsolete and structurally deficient cloverleaf interchange at Interstate 44 and Range Line Road in Joplin. The project would eliminate weaving movements traffic must now perform, and it also would eliminate two structurally deficient bridges.

Recipient:

Missouri Department of Transportation

3901 East 32nd Street

Joplin, MO 64804

Request amount:

\$9,000,000

Project Name:

Nanostructured Energy Storage/Delivery System

Purpose and benefit:

The use of taxpayer funds is justified because new technologies for fast and efficient energy storage and delivery are required for photovoltaic systems, wind power and hybrid electric vehicles as the United States moves away from the reliance on fossil fuels. Energy storage

technology allows for energy from somewhat unpredictable energy resources to be more useful and valuable.

Recipient:

Missouri State University and Lumimove
524 N. Boonville Ave
Springfield, MO 65806

Request amount:

\$1,000,000

Project Name:

Ready to Learn

Purpose and benefit:

The use of taxpayer funds is justified because this program creates pre-kindergarten academic, reading readiness and social and emotional skill development to the client population 0 to under 7 years (Missouri preschool age) and their families.

Recipient:

City of Springfield
840 N. Boonville
Springfield, MO 65802

Request amount:

\$600,000

Project Name:

Route 60 and National Avenue Interchange Improvements

Purpose and benefit:

Reconstruct the Route 60 (James River Freeway) and National Avenue interchange as a diverging diamond interchange, construct new grade-separated access for Cox South Hospital emergency entrance, and connect auxiliary ramps between National Avenue and Route 160 (Campbell Avenue). The use of taxpayer funds is justified as this project has been identified as a priority by the Ozarks Transportation Organization.

Recipient:

Ozarks Transportation Organization
4301 Doniphan Drive
Neosho, MO 64850

Request amount:

\$2,000,000

Project Name:

Route 160 (Campbell Avenue) and Route 60 (James River Freeway) Interchange Improvements

Purpose and benefit:

This will fund additional turn lanes on Route 160 (Campbell Avenue) at the Route 60 (James River Freeway) interchange to improve capacity and safety. The project also includes possible additional lanes on Route 160 to Weaver Road. The project is on the Ozarks Transportation Organization priority list. Greene County and the City of Springfield have committed funding to the project. The use of taxpayer funds is justified because traffic at this interchange is expected to increase with development on south Campbell.

Recipient:

Ozarks Transportation Organization
4301 Doniphan Drive
Neosho, MO 64850

Request amount:

\$2,000,000

Project Name:

Self-Decontaminating Polymer System for Chemical and Biological Warfare Agents

Purpose and benefit:

To develop an on-demand, self-generating and self-renewing polymer-based decontamination system that produces, in real time, activated hydrogen peroxide for the destruction of chemical and biological warfare agents on fabrics for collective and individual protection applications. Hydrogen peroxide is known to be an effective broad spectrum decontamination agent for both chemical and biological warfare agents. The system will interface with state-of-the art chemical and biological stand-off sensors currently deployed in theater and will react to signals generated by such sensors to initiate the production of the activated hydrogen peroxide. Such a system will reduce the logistic burden associated with maintaining product stores in theater and the continuous monitoring of the product due to loss of effectiveness.

Recipient:

Missouri State University/Lumimove d/b/a Crosslink
901 S National Avenue
Springfield, MO 65804

Request amount:

\$7,000,000

Project Name:

Self-Deploying Autonomous Sensor Platforms for Situational Awareness

Purpose and benefit:

Funds will be used for advanced warning systems enabled by integration of sensors and onboard intelligence such that robotic platforms can be tasked to self-deploy and self-maneuver to provide situational awareness and recommend a plan of action without being detected.

Recipient:

Missouri State University/QinetiQ
901 S National Avenue
Springfield, MO 65804

Request amount:

\$7,000,000

Project Name:

Short Range Ballistic Missile Defense

Purpose and benefit:

SRBMD is a joint Missile Defense Agency (MDA) and Israel Missile Defense Organization program to develop and deploy a cost-effective broad-area defense for use by both countries' militaries and Israeli civilians against ballistic missiles, large caliber rockets and cruise missiles. The joint program objective is to develop the Stunner interceptor to be common to both

militaries for maximum return on investment. The Army has indicated its intention to integrate the Stunner into current and planned missile defense systems. The program successfully completed a critical flight test in February 2009 and two additional tests are scheduled this year. The additional funding requested will support qualification and transition to production beyond the President's request and will support US-specific work to integrate the system into the US air and missile defense system. \$35M would go for development and demonstration programs including planned US insertion requirements. \$10M would go for Stunner insertion activities including an assessment of Stunner's potential for US air and missile defense.

Recipient:

LaBarge Inc
1505 S Maiden Lane
Joplin, MO 64801

Request amount:

\$45,000,000

Project Name:

SIFE Africa Development Program

Purpose and benefit:

The SIFE Africa Development Program focuses on creating economic opportunity in up to 12 African countries. It links university faculty and students from over 140 institutions of higher education with businesses and local communities.

Recipient:

Students in Free Enterprise
1959 E. Kerr St.
Springfield , MO

Request amount:

\$500,000

Project Name:

Springfield MO Transit Related Improvements for National Avenue, Monroe Street, Brick City, and John Q. Hammons Parkway

Purpose and benefit:

Missouri State University, an authorized recipient of transit funds, will make needed transit improvements to make accessing transit safer and more convenient in order to increase transit use and reduce vehicle traffic in and around campus. The use of taxpayer funds is justified as decreasing vehicular traffic by increasing transit usage will have a significant impact on safety and the environment.

Recipient:

Missouri State University
901 S National Avenue
Springfield, MO 65804

Request amount:

\$1,500,000

Project Name:

Thunder Radar POD

Purpose and benefit:

TRP will enable the ANG F-16 fighter aircraft to utilize advances SAR capabilities to conduct all-weather, day/night precision weapons deployment. TRP is cost effective systems that compliments existing e/o based targeting pods by ensuring that weather conditions won't give our enemies sanctuary.

Recipient:

Mid-American Precision Products
1927 West 4th Street
Joplin, MO 64801

Request amount:

\$8,000,000

Project Name:

Tri-Lakes Biosolids Project

Purpose and benefit:

The use of taxpayer funds is justified as this project will improve the health and welfare of the citizens in the area. The project will eliminate the contamination of the region lakes and streams from run off on land which has had liquid sludge applied. It will also reduce the number of diesel sludge truck trips from approximately 4,500 per year to approximately 223 trips per year. In addition, this project will eliminate a source of methane gas by eliminating the land application of liquid sludge.

Recipient:

City of Branson
616 W. Pacific Street
Branson, MO 65616

Request amount:

\$500,000

Project Name:

Upper White River Basin Water Quality, Missouri

Purpose and benefit:

The Upper White River Basin is located in the Ozark Highlands region with approximately 6.8 million acres of the basin located in Missouri. This watershed has experienced tremendous population growth in the last decade that has resulted in an increase in nonpoint source pollution pressure. The funding provides additional conservation technical assistance funds to support the South Missouri Water Quality Project staff for a water quality program in southern Missouri.

Recipient:

Southwest Missouri Resource Conservation and Development (RC&D), Inc.
283 US Highway 60 West
Republic, MO 65738

Request amount:

\$512,000

Project Name:

Wastewater Infrastructure in McDonald County

Purpose and benefit:

The use of taxpayer funds is justified because in addition to the benefits of improved water quality within the Little Sugar Creek watershed and encouraging additional commercial and residential development in the area, the proposed project will also provide needed wastewater service to properties recently purchased by the McDonald County R-1 School District and Crowder College to house a second high school campus and a community college campus respectively.

Recipient:

McDonald County
PO Box 345
Pineville, MO 64856

Request amount:

\$750,000

Project Name:

Wastewater Treatment Plant Upgrades

Purpose and benefit:

This funding will allow the City of Joplin to improve existing wastewater treatment facilities to meet organic pollutant capacity and meet new regulations.

Recipient:

City of Joplin
602 S. Main St.
Joplin, MO 64801

Request amount:

\$3,000,000

Project Name:

West By-Pass Study Phase II

Purpose and benefit:

In conjunction with the purpose and needs study that was completed in the summer of 2008, prepare a study on the West By-Pass to develop a viable plan for the design and construction of a West By-Pass to serve the metropolitan area. Construction of a West By-Pass has been identified as a key element for future growth in the metropolitan area surrounding Joplin, Missouri. With recent development projects located in Oklahoma and Kansas the importance of this project has increased. The use of taxpayer funds is justified because the By-Pass is a key element in realizing the ultimate commercial, industrial, and other development of our area.

Recipient:

City of Joplin
602 S Main Street
Joplin, MO 6481

Request amount:

\$1,200,000

Project Name:

White River Area Emergency Project

Purpose and benefit:

This funding will be used to create a data sharing network and purchase and implement the latest mobile data computers, network hardware, and criminal justice information sharing software for all law enforcement agencies in Taney County. This funding will enable Taney County, MO to purchase and implement a county wide, multi-jurisdiction public safety mobile data network as well as a criminal justice information sharing system. The use of taxpayer funds is justified because this project will greatly enhance overall investigations and increase officer safety by enabling them instant access to critical time sensitive information on the street, when they need it most.

Recipient:

Taney County Commission
127 Main Street
Forsyth, MO

Request amount:

\$900,000

Project Name:

Wilson's Creek National Battlefield Foundation Civil War Museum Addition/Exhibits

Purpose and benefit:

This funding will allow for design and construction of an addition to the Wilson's Creek National Battlefield Visitor Center for the Civil War Museum trans-Mississippi collection acquired by the National Park Service in August 2005. The use of taxpayer funds is justified as this is a collection with great historic significance in U.S. history. It is important that this collection is protected and made available for the public and historians to see.

Recipient:

Wilson's Creek National Battlefield Foundation
1351 N. Belcrest
Springfield, MO 65802

Request amount:

\$1,300,000